

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,019,905 B2  
APPLICATION NO. : 10/748396  
DATED : March 28, 2006  
INVENTOR(S) : Michael F. Weber

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Title Page #56**

Under Foreign Patent Documents, please add the following references that were cited and considered by the examiner but do not appear on the printed patent:

--WO 95/17692 08/29/1995  
WO 95/17699 08/29/1995  
WO 99/36262 07/22/1999--

Under Other Publications, please add the following references that were cited and considered by the examiner but do not appear on the printed patent:

--Born et al., Principles of Optics Electromagnetic Theory of Propagation, Interference and Diffraction of Light, Table of Contents, pp. 51-70, Pergamon Press, Oxford, 1980.

Kogelnik, Herwig, "Coupled Wave Theory for Thick Hologram Gratings", The Bell System Technical Journal, American Telephone and Telegraph Company, Vol. 48, Nov. 1969.

Schrenk et al., Nanolayer Polymeric Optical Films, Tappi Journal, pp. 169-174, June 1992.

Thelen, Alfred, Design of Optical Interference Coatings, pp. 157-176, McGraw-Hill Inc., New York, 1989.

Weber et al., "Giant Birefringent Optics in Multilayer Polymer Mirrors", Science, Vol. 287, 03/31/2000, pp. 2451-2456.--

Column 1,

Line 66, Delete "H,L" and insert -- H, L --, therefor.

Column 3,

Line 29, Delete "indez" and insert -- index --, therefor.

Column 5,

Line 60, Delete " $n_A$ ,  $n_D$   $n_C$ ,  $n_B$ ," and insert --  $n_A$ ,  $n_D$ ,  $n_C$ ,  $n_B$ , --, therefor.

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Column 8,

Line 58, Delete " $n_D$  and  $n_A$ ," and insert --  $n_D$  and  $n_C$  --.

Column 11,

Line 52, Delete "FIG." and insert -- FIGS. --, therefor.

Line 56, Delete "FIG." and insert -- FIGS. --, therefor.

Line 58, Delete "FIG." and insert -- FIGS. --, therefor.

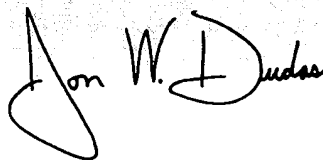
Column 12,

Line 16, In Claim 1, delete "CACDBD)," and insert -- CACDBD, --, therefor.

Line 34, In Claim 6, delete "mm." and insert -- nm. --, therefor.

Signed and Sealed this

Nineteenth Day of December, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*